

Flight-Testing Newton's Laws			
2004 Mathematics			
Grade Expectations			
Vermont Mathematics			
Grades 9-12			
Activity/Lesson	State	Standards	
Session-10 (1-5)	VT	MA.9-12.MHS:21	Demonstrates conceptual understanding of algebraic expressions by evaluating, simplifying, or writing algebraic expressions; and writes equivalent forms of algebraic expressions or formulas ($d = rt \rightarrow r = d/t$ or solves a multivariable equation or formula for one variable in terms of the others).
Session-1 (1-17)	VT	MA.9-12.MHS:21	Demonstrates conceptual understanding of algebraic expressions by evaluating, simplifying, or writing algebraic expressions; and writes equivalent forms of algebraic expressions or formulas ($d = rt \rightarrow r = d/t$ or solves a multivariable equation or formula for one variable in terms of the others).
Session-2 (1-10)	VT	MA.9-12.MHS:21	Demonstrates conceptual understanding of algebraic expressions by evaluating, simplifying, or writing algebraic expressions; and writes equivalent forms of algebraic expressions or formulas ($d = rt \rightarrow r = d/t$ or solves a multivariable equation or formula for one variable in terms of the others).
Session-3 (1-6)	VT	MA.9-12.MHS:21	Demonstrates conceptual understanding of algebraic expressions by evaluating, simplifying, or writing algebraic expressions; and writes equivalent forms of algebraic expressions or formulas ($d = rt \rightarrow r = d/t$ or solves a multivariable equation or formula for one variable in terms of the others).
Session-4 (1-11)	VT	MA.9-12.MHS:21	Demonstrates conceptual understanding of algebraic expressions by evaluating, simplifying, or writing algebraic expressions; and writes equivalent forms of algebraic expressions or formulas ($d = rt \rightarrow r = d/t$ or solves a multivariable equation or formula for one variable in terms of the others).
Session-5 (1-6)	VT	MA.9-12.MHS:21	Demonstrates conceptual understanding of algebraic expressions by evaluating, simplifying, or writing algebraic expressions; and writes equivalent forms of algebraic expressions or formulas ($d = rt \rightarrow r = d/t$ or solves a multivariable equation or formula for one variable in terms of the others).

Session-6 (1-8)	VT	MA.9-12.MHS:21	Demonstrates conceptual understanding of algebraic expressions by evaluating, simplifying, or writing algebraic expressions; and writes equivalent forms of algebraic expressions or formulas ($d = rt \rightarrow r = d/t$ or solves a multivariable equation or formula for one variable in terms of the others).
Session-7 (1-5)	VT	MA.9-12.MHS:21	Demonstrates conceptual understanding of algebraic expressions by evaluating, simplifying, or writing algebraic expressions; and writes equivalent forms of algebraic expressions or formulas ($d = rt \rightarrow r = d/t$ or solves a multivariable equation or formula for one variable in terms of the others).
Session-8 (1-9)	VT	MA.9-12.MHS:21	Demonstrates conceptual understanding of algebraic expressions by evaluating, simplifying, or writing algebraic expressions; and writes equivalent forms of algebraic expressions or formulas ($d = rt \rightarrow r = d/t$ or solves a multivariable equation or formula for one variable in terms of the others).
Session-9 (1-7)	VT	MA.9-12.MHS:21	Demonstrates conceptual understanding of algebraic expressions by evaluating, simplifying, or writing algebraic expressions; and writes equivalent forms of algebraic expressions or formulas ($d = rt \rightarrow r = d/t$ or solves a multivariable equation or formula for one variable in terms of the others).